

DEPARTMENT OF THE NAVY  
SUPERVISOR OF SHIPBUILDING, CONVERSION AND REPAIR, USN

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Naval Station

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SAN DIEGO, CALIFORNIA 92136-5066



USS VINCENNES (CG-49)

SPECIFICATIONS FOR WORK TO BE ACCOMPLISHED

SPECIFICATION NUMBER: SSP:SSSD-597-05

17 MAY 2005

DATE PREPARED

## I N D E X

ITEMS THAT ARE STRUCK OUT ON THIS INDEX DO NOT APPLY TO THIS CONTRACT.

CATEGORY I. FY-05 STANDARD ITEMS APPLICABLE TO THIS JOB ORDER WITHOUT FURTHER REFERENCE

<u>ITEM NO.</u>	<u>TITLE</u>	<u>DATE</u>
009-01	General Criteria; accomplish	29-AUG-03
009-02	Reporting of Material Usage Requirements for Work at Naval Facilities for Environmental Compliance; accomplish	29-AUG-03
009-03	Toxic and Hazardous Substances; control	29-AUG-03
009-04	Quality System; provide	29-AUG-03
009-05	Temporary Accesses; provide	29-AUG-03
009-06	Protection During Contamination-Producing Operations and Maintaining Cleanliness; accomplish	29-AUG-03
009-07	Confined Space Entry, Certification, Fire Prevention and Housekeeping; accomplish	29-AUG-03
<del>009-08</del>	<del>Fire Protection at Contractor's Facility; accomplish</del>	<del>29-AUG-03</del>
009-10	Shipboard Asbestos-Containing Material (ACM); control	30-AUG-02
009-18	Magnetic Material; control	30-AUG-02
<del>009-19</del>	<del>Provisioning Technical Documentation (PTD); provide</del>	<del>30-AUG-02</del>
009-20	Government Property; control	30-AUG-02
009-21	Logistics and Technical Data; provide	30-AUG-02
009-23	Interferences; remove and install	29-AUG-03
009-24	Isolation, Blanking, and Tagging Requirements; accomplish	29-AUG-03
<del>009-29</del>	<del>Asbestos-Free Pipe Hanger Liner Material; install</del>	<del>30-AUG-02</del>
<del>009-34</del>	<del>Fire Protection of Unmanned Craft at Contractor's Facility; provide</del>	<del>30-AUG-02</del>
<del>009-35</del>	<del>Confined Space Entry, Certification, Fire Prevention and Housekeeping; accomplish</del>	<del>29-AUG-03</del>

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009-39	Technical Manual Contract Requirement (TMCR) for New Technical Manuals for Commercial Equipment/ Component; provide	29-AUG-03
009-40	Requirements for Contractor Cranes at Naval Facilities; accomplish	30-AUG-02
<del>009-59</del>	<del>Organotin Antifouling Material; control</del>	<del>30-AUG-02</del>
009-60	Schedule and Associated Reports; provide and manage	29-AUG-03
009-61	Shipboard Use of Fluorocarbons; control	29-AUG-03
009-64	Synthetic Fire-Resistant Hydraulic Fluid; control	30-AUG-02
009-65	Polychlorinated Biphenyls (PCBs); control	30-AUG-02
<del>009-67</del>	<del>Integrated Total Ship Testing; manage</del>	<del>30-AUG-02</del>
009-69	Heavy Weather Plan; provide	29-AUG-03
009-70	Confined Space Entry, Certification, Fire Prevention and Housekeeping for Unmanned Craft; accomplish	29-AUG-03
<del>009-72</del>	<del>Physical Security of U.S. Naval Vessels and Crews at Private Contractor's Facility; accomplish</del>	<del>29-AUG-03</del>
009-73	Shipboard Electrical/Electronic/Fiber Optic Cable; remove, relocate, repair, and install	29-AUG-03
009-77	Cofferdam Requirements; accomplish	29-AUG-03
<del>009-79</del>	<del>Government Owned Material (GOM); status reporting</del>	<del>30-AUG-02</del>
009-80	Ship's Facilities; provide	30-AUG-02
009-81	Compartment Closeout Schedule; provide	30-AUG-02
009-82	Data Requirements When Installing an Equal Component Vice Specified Component; provide	30-AUG-02
009-83	Wire Rope Fitting Verification; provide	30-AUG-02
009-84	Accountability of Temporary Fasteners; provide	30-AUG-02
009-86	Recovery of Chlorofluorocarbon (CFC) Refrigerants and Fire Suppressant Halon (H) Materials; accomplish	29-AUG-03

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<del>009-87</del>	<del>Chlorination Procedures; accomplish</del>	<del>30-AUG-02</del>
009-88	Collection, Holding and Transfer (CHT) and Mogas Tanks, Spaces, and Piping, including Sewage or Mogas-Contaminated Tanks, Spaces, and Piping; certify	29-AUG-03
<del>009-89</del>	<del>Purchase and Inspection Requirements for Contractor Furnished Zinc Anodes; accomplish</del>	<del>30-AUG-02</del>
009-93	Emergency Planning and Community Right-to-Know Act (EPCRA) and Pollution Prevention Act (PPA) Information; provide	30-AUG-02
<del>009-94</del>	<del>General Environmental Requirements for Work at Contractor's Facility; accomplish</del>	<del>29-AUG-03</del>
009-95	Mechanically Attached Fittings (MAF's) for Piping Systems; install	30-AUG-02
009-97	Shipbuilding and Ship Repair Operations National Emission Standard for Hazardous Air Pollutants (NESHAPS) for Surface Coating Information; provide	29-AUG-03
009-99	Ship Departure Report; provide	29-AUG-03
009-100	Ship's Stability (PCP); maintain	30-AUG-02
<del>009-101</del>	<del>Requirements for Mooring, Entry to and Departure from Contractor's Facility; accomplish</del>	<del>29-AUG-03</del>
<del>009-102</del>	<del>Alteration Verification; provide</del>	<del>30-AUG-02</del>
009-103	Weight and Moment Change Data; provide	30-AUG-02
009-106	Work Authorization and Control Process; accomplish	29-JUL-04

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## CATEGORY II. FY-05 STANDARD ITEMS WHICH MAY BE INVOKED IN THE WORK ITEMS OF THIS JOB ORDER

<u>ITEM NO.</u>	<u>TITLE</u>	<u>DATE</u>
009-09	Process Control Procedure (PCP); provide and accomplish	29-AUG-03
009-11	Insulation and Lagging Requirements; accomplish	30-AUG-02
009-12	Welding, Fabrication, and Inspection Requirements; accomplish	29-AUG-03
009-13	Meter; repair and calibrate	30-AUG-02
009-14	Gages and Thermometers; repair and calibrate	30-AUG-02
009-15	Rotating Machinery; balance	30-AUG-02
009-16	Electronic Equipment; repair	30-AUG-02
009-17	Rotating Electrical Equipment; repair	29-AUG-03
009-22	Shipboard Electric Cable; test	29-AUG-03
009-25	Structural Boundary Test; accomplish	29-AUG-03
009-26	Teletype Equipment; repair	30-AUG-02
009-27	Material Identification and Control (MIC) for Level I Systems; accomplish	30-AUG-02
009-28	Metal-Sprayed Coating System for Corrosion Protection; accomplish	30-AUG-02
009-30	Boiler Sample Tubes; inspect	30-AUG-02
009-31	Boiler Waterjet Cleaning; accomplish	30-AUG-02
009-32	Cleaning and Painting Requirements; accomplish	16-MAR-04
009-33	Rotating Electrical Equipment; rewind	29-AUG-03
009-36	Controller; repair	30-AUG-02
009-37	General Procedures for Woodwork; accomplish	29-AUG-03

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009-38	Boiler Dry Lay-up; accomplish	30-AUG-02
009-41	Technical Manual Contract Requirement (TMCR) for a Topically Structured Technical Manual; provide	29-AUG-03
009-42	Technical Manual Contract Requirement (TMCR) for Updating Technical Manuals; provide	29-AUG-03
009-43	Light-Off Assessment (LOA) Support for Steam Propulsion System; provide	29-AUG-03
009-44	Light-Off Assessment (LOA) Support for Gas Turbine Propulsion System; provide	29-AUG-03
009-45	Tapered Plug Valve; repair	29-AUG-03
009-46	Butterfly Valve, Synthetic and Metal Seated; repair	29-AUG-03
009-47	Gate Valve; repair	29-AUG-03
009-48	Pressure Seal Bonnet Valve; repair (shop)	29-AUG-03
009-49	Pressure Seal Bonnet Valve; repair (in-line)	29-AUG-03
009-50	Horizontal Swing Check Valve; repair	29-AUG-03
009-51	Globe, Globe Angle, and Globe Stop Check Valve; repair	29-AUG-03
009-52	Relief Valve; repair	29-AUG-03
009-53	Bolted Bonnet Steam Valve; repair (shop)	29-AUG-03
009-54	Bolted Bonnet Steam Valve; repair (in-line)	29-AUG-03
009-55	Regulating/Reducing Valve; repair	29-AUG-03
009-56	Boiler Wet Lay-Up; accomplish	30-AUG-02
009-57	Reduction Gear Security Requirements; accomplish	30-AUG-02
009-58	Pump and Driver Shaft Alignment; accomplish	29-AUG-03
009-62	Boiler Handhole and Manhole Seats and Plates; inspect	29-AUG-03
009-63	Lubricating Oils and Hydraulic Fluids; analyze	30-AUG-02

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009-66	Light-Off Assessment (LOA) Support for Diesel Propulsion System; provide	29-AUG-03
009-68	Bolted Bonnet Valve; repair	29-AUG-03
009-71	Testing Requirements for Piping Systems; accomplish	29-AUG-03
009-75	Circuit Breaker; repair	30-AUG-02
009-76	Waveguide and Transmission Line Temporary Lay-Up, Pressurization, and Purging; accomplish	30-AUG-02
009-78	Passive Countermeasures System (PCMS) Material Repair/Installation Requirements; accomplish	29-AUG-03
009-85	Government Sponsored Planning Yard/Configuration Data Manager (CDM) On-Site Representative Facility; provide	30-AUG-02
009-90	Technical Representative; provide	29-AUG-03
009-91	Propeller In-Place Inspection; accomplish	29-AUG-03
009-92	Resilient Mount; install	29-AUG-03
009-96	Ball Valve; repair	29-AUG-03
009-98	Monel Fasteners; inspect	30-AUG-02
009-104	Vibration Testing and Analysis; accomplish	29-AUG-03
009-105	Thermal Sprayed Coatings for Machinery Component Repair; accomplish	29-AUG-03

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<u>ITEM NO.</u>	<u>TITLE</u>
077-01-001	Hazardous Waste Produced on Naval Vessels; control
100-00-001	Boarding Ladder Rungs; install
123-01-001	Compensating Fuel Tanks; fill (OPTION ITEM ONE)
162-01-001	Stack Protective Cover; install
162-02-001	Portlight and Window Protective Cover; install
<del>241-01-001</del>	<del>Main Propulsion Reduction Gear; preserve. (OPTION ITEM TWO)</del>
243-02-001	Main Propulsion Shaft Locking Device; install
243-11-001	Stern Tube Flax Packing; install and test
313-11-001	UPS Battery; remove
422-11-001	Temporary Navigation Light System for Towing; install
436-11-001	Temporary Flooding Alarm System for Towing; install
520-11-001	Sea Valve Blanking; accomplish (OPTION ITEM THREE)
526-11-001	Rudder Locking Device; install
<del>582-11-001</del>	<del>Towing Preparation; accomplish (OPTION ITEM FOUR)</del>
583-01-001	Davit; secure
631-01-001	Draft Markings; install
857-11-001	Personnel Berthing Craft Support; provide
985-11-001	Security Services; provide
992-11-001	Towboat Services; provide (OPTION ITEM FIVE)
992-11-002	Temporary Services; provide



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992-31-001 Cleaning and Pumping; accomplish

~~993-11-001 Industrial Support Services; provide (OPTION ITEM SIX)~~

SHIP:	<u>USS VINCENNES (CG-49)</u>	ITEM NO:	<u>077-01-001</u>
COAR:	<u>26-597</u>	PCN:	<u>SSSD-0000</u>
CSWT FILE NO:	<u>077-01</u>	CMP:	<u>NONE</u>
REVISED:	<u>16 JAN 2004</u>	PLANNER:	<u>HAAG</u> <u>CHADWELL</u>

1. SCOPE:

1.1 Title: Hazardous Waste Produced on Naval Vessels; control

1.2 Location of Work:

1.2.1 Throughout the Ship

1.3 Identification:

1.3.1 Not Applicable

2. REFERENCES:

2.1 Resource Conservation and Recovery Act (RCRA)

2.2 Federal Hazardous Materials Transportation Act, 49 U.S.C. 5103

2.3 Applicable Hazardous Waste Manifest Form

2.4 10 U.S.C. 7311

3. REQUIREMENTS:

3.1 Manage and dispose of all hazardous waste listed in 3.5 in accordance with 2.1 and 2.2.

3.1.1 When a Navy generator number is required by this Work Item, submit the original of 2.3 to the SUPERVISOR for assignment of Environmental Protection Agency (EPA) or delegated state environmental agency identification number.

3.1.2 Manage and transport for Navy disposal, Navy-generated hazardous waste listed in 3.5 in accordance with 2.1 and 2.2, as designated by the SUPERVISOR.

3.1.3 Submit one legible copy of 2.3 signed by the owner or operator of the disposal facility to the SUPERVISOR within 48 hours of receipt from owner or operator of disposal facility.

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3.2 Complete documentation required by 2.1 and 2.2, using EPA or delegated state environmental agency identification number in accordance with 2.4.

3.2.1 Documentation related to hazardous waste generated solely by the physical actions of Ship's Force or Navy employees (termed Navy-Generated Hazardous Waste) on board the vessel shall only bear a generator identification number issued to the Navy pursuant to applicable law. The contractor shall obtain SUPERVISOR'S concurrence with the categorization of the waste as Navy-generated before completion of the manifest. The manifest prepared shall be presented to the SUPERVISOR for completion after the hazardous waste has been identified.

3.2.2 Documentation related to hazardous waste generated solely by the physical actions of contractor personnel (termed Contractor-Generated Hazardous Waste) shall bear a generator identification number issued to the contractor pursuant to applicable law. Regardless of the presence of other material in or on the shipboard systems or structure which may have qualified a waste stream as hazardous, where the contractor performs work on a system or structure using materials (whether or not the use of such materials was specified by the Navy) which by themselves would cause the waste from such work to be a hazardous waste, documentation related to such waste shall only bear a generator number issued to the contractor.

3.2.3 Documentation related to hazardous waste generated by the combined physical actions of Navy and contractor personnel (termed Co-Generated Hazardous Waste) shall bear a generator identification number issued to the contractor pursuant to applicable law and shall also cite in the remarks block a generator identification number issued to the Navy pursuant to applicable law. When the contractor merely drains a system and such drainage creates hazardous waste or the contractor performs work on system or structure using materials which by themselves would not cause the waste from such work to be hazardous waste but such work nonetheless creates a hazardous waste, documentation related to such waste shall bear a generator identification number issued to the contractor and shall also cite in the remarks block a generator identification number issued to the Navy. The contractor shall sign the generator certification on the Uniform Hazardous Waste Manifest whenever use of the manifest is required for disposal. The contractor shall obtain SUPERVISOR'S concurrence with the categorization of the wastes as co-generated before completion of the manifest. Manifests prepared shall be presented to the SUPERVISOR for completion after the hazardous waste has been identified.

3.3 If the contractor, while performing work at a Government facility, cannot obtain a separate generator identification number from the state in which the availability will be performed, the contractor shall notify the SUPERVISOR within three business days of receipt of written notification by the state. After obtaining approval of the SUPERVISOR, the contractor shall use the Navy

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site generator identification number and insert in the remarks block the contractor generator identification number issued for the site where his main facilities are located.

3.4 If, for availabilities at a contractor-owned or controlled facility, the Navy cannot obtain a separate generator identification number for use at a contractor facility, the Navy shall notify the contractor within three business days of receipt of notification by the state. The contractor shall dispose of hazardous waste in accordance with 2.1, 2.2, and 3.2.3.

3.5 Hazardous waste, as identified in 2.1, expected to be produced during performance of this Job Order:

TYPE	NAVY	AMOUNT CO-GENERATED	CONTRACTOR
UPS Batteries 15 EACH			
Oily Water 120,000 GALLONS			
Acid Solutions (may include spent sulfamic, citric, chromic, nitric, sulfuric, hydrochloric, etc.)	_____	_____	_____
Ethylene Glycol (Antifreeze)	_____	_____	_____
Sodium Hydroxide	_____	_____	_____
Cleaning Solvents	_____	_____50 GALLONS_____	_____
Sodium Phosphates (Tri, Bi, or Mono)	_____	_____	_____
Fluorocarbons	_____	_____	_____
Morpholine	_____	_____	_____
Sodium Chromates	_____	_____	_____
Hydrazine	_____	_____	_____
Methyl Ethyl Ketone	_____	_____	_____
Spent Abrasive Blast Material (contaminated with a known hazardous waste)	_____	_____	_____
Trichloroethane	_____	_____	_____

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Miscellaneous Chemicals (Ignitable)	_____	_____	_____
Miscellaneous Chemicals (Corrosive)	_____	_____	_____
Miscellaneous Chemicals (TCLP Toxic)	_____	_____	_____
Miscellaneous Chemicals (Reactive)	_____	_____	_____
Oil (Synthetic)	_____	_____	_____
Paints (Enamel, Latex, _____ Epoxy, thinners, oil based, rubber paint, non-skid, lacquer, remover, varnishes)	_____	_____	_____100 POUNDS_____
Paints (May include lead, _____ cadmium, or chrome)	_____	_____	_____50 POUNDS_____
Paint Strippers (phenols, lead, chromium)	_____	_____	_____
Sludge (Contaminated with _____ a known hazardous waste)	_____	_____	_____1000 GALLONS_____
Wool Felt (contaminated with chromium and PCB's)	_____	_____	_____

(E1) 3.5.1 Manage and dispose of all hazardous waste listed in 3.5.

3.6 Notify the SUPERVISOR at least one working day prior to shipment of hazardous waste for disposal.

3.7 Submit one legible copy, in hard copy or electronic media, of a report identifying type, amount, and disposal cost of waste listed in 3.5 that was removed during the performance of this Job Order to the SUPERVISOR.

3.7.1 The report shall include analysis or other method used to identify the waste and state whether each listed waste was hazardous (with generator assignment), non-hazardous, or did not exist.

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3.7.1.1 Chemical analysis shall be accomplished by laboratories with state or EPA approved quality assurance programs.

3.7.2 The contractor shall make an effort to minimize hazardous waste generation by reducing the volume or toxicity by neutralizing, recycling, or otherwise removing it from the requirements of Subtitle C of 2.1 and include a description of such efforts in the report.

3.8 Nothing contained in this Work Item shall relieve the contractor from complying with applicable federal, state, and local laws, codes, ordinances, and regulations, including the obtaining of licenses and permits in connection with hazardous waste handling and disposal in the performance of this contract.

4. NOTES:

4.1 The waste listed in 3.5 is based on the best information available at the time of preparation of the solicitation. Hazardous waste generated during the actual performance of the work may vary in type or amount from waste listed in 3.5 which may result in renegotiation for credit or increase pursuant to Paragraph (b) of 2.4. The contractor is expected to use best management practice to identify and dispose of all hazardous waste. Some of the substances listed in 3.5 may be neutralized, recycled, or otherwise removed from the requirements of Subtitle C of 2.1. Inclusion of these substances in the waste listed in 3.5 does not preclude the contractor from taking action consistent with 2.1 to reduce or eliminate the hazardous constituents of any waste required to be disposed of under the contract in accordance with 2.2. Processes that add hazardous constituents to the bilges may require that bilge water be disposed of as a hazardous waste.

4.1.1 The types and amounts of wastes listed in 3.5 are estimates of waste to be disposed of under this contract as required by 2.4. They are not estimates of the amount of the work involved in generating that waste. The work requirements of each individual Work Item specify the actual work to be accomplished.

4.2 Hazardous wastes are determined by one or more of the following methods:

4.2.1 Chemical analysis which shows that the material characteristics of ignitability, corrosivity, reactivity, and/or toxicity (Toxicity Characteristic Leachate Procedure - TCLP) exceed the limits for that material in 40 CFR 261.20 Subpart C.

4.2.2 Reference to a Material Safety Data Sheet (MSDS), or

4.2.3 Applying knowledge of the hazardous characteristics of the waste in light of the materials or the process used.

4.3 Asbestos, bilge water, oil/water including sludge, debris and other

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contaminants, sludge which includes solids and sludge from ballast tanks, CHT tanks, voids, oily waste tanks, fuel ballast tanks, fuel oil tanks, skegs (West coast), PCB's (Maryland), etc., apply only in those states listing them as hazardous waste. When an availability is to be performed in a state where these items are hazardous waste, an estimate of the amount to be generated shall be included in 3.5.

5. GOVERNMENT FURNISHED MATERIAL (GFM):

5.1 LLTM:

1. None.

5.2 PUSH MATERIAL:

1. None.

5.3 KITTED MATERIAL:

1. None.

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ITEM NO: 100-00-001

COAR: 26-597

PCN: SSSD-0001

CMP: NONE

PLANNER: HAAG

1. SCOPE:

1.1 Title: Boarding Ladder Rungs; install

1.2 Location of Work:

1.2.1 Port Side Shell, Frame 260, from 2 feet above the sea level to the 01 level.

1.2.2 Starboard Side Shell, Frame 260, from 2 feet above the sea level to the 01 level.

1.3 Identification:

1.3.1 Not Applicable

2. REFERENCES:

2.1 Standard Items

2.2 Surface Preparation Specifications, Steel Structures Painting Council

3. REQUIREMENTS:

3.1 Manufacture and install new steel vertical ladder rungs in each location located in 1.2. Ladder rungs to be installed upon completion of final trim of ship for tow.

3.1.1 New rungs shall be 3/4 inch solid round bar.

3.1.1.1 Rungs shall be approximately 20 inches wide.

3.1.1.2 Space rungs about 12 to 18 inches apart.

3.1.2 Fabricate and install stantions while modifying existing handrails in way of each new installation to accommodate boarding and un-boarding ship.

3.1.3 Accomplish the requirements of 009-12 of 2.1, including Table 2, Column A, Lines One through 7.



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(V) (G) "SURFACE PREPARATION"

3.1.4 Near-white blast clean each new carbon steel surface. Accomplish the requirements of Surface Preparation Specification SSPC-SP-10 of 2.2.

3.1.5 Clean each surface to be painted free of foreign materials.

3.1.6 Prime each abrasive blasted surface with one coat of Formula 150, green, MIL-P-24441, to produce a dry film thickness of 2.0 to 4.0 mils per coat.

3.1.7 Preserve each surface primed with one coat of Formula 151, haze gray, MIL-P-24441, and 2 coats of Formula 152, MIL-P-24441, to produce a dry film thickness of 2.0 to 4.0 mils per coat.

3.1.8 Lay out and paint the side shell area behind the ladder rungs, from the first rung near the boot top up to the 01 level with 2 coats of high gloss White paint in order for the ladder rungs to stand out for easy identification and location in case of emergency.

3.2 Accomplish the requirements of 009-32 of 2.1 for new and disturbed surfaces to match surrounding areas.

4. NOTES:

4.1 This item to be accomplished prior to final tow inspection by Tow Master.

5. GOVERNMENT FURNISHED MATERIAL (GFM):

5.1 LLTM:

1. None.

5.2 PUSH MATERIAL:

1. None.

5.3 KITTED MATERIAL:

1. None.

SHIP:	<u>USS VINCENNES (CG-49)</u>	ITEM NO:	<u>123-01-001</u>
COAR:	<u>26-597</u>	PCN:	<u>SSSD-0021</u>
CSWT FILE NO:	<u>123-01</u>	CMP:	<u>NONE</u>
REVISED:	<u>04 FEB 2004</u>	PLANNER:	<u>HAAG</u> <u>CHADWELL</u>

1. SCOPE:

1.1 Title: Compensating Fuel Tanks; fill (OPTION ITEM ONE)

1.2 Location of Work:

1.2.1 Forward Bank of Tanks

1.2.2 Mid Bank of Tanks

1.2.3 Aft Bank of Tanks

1.3 Identification:

1.3.1 Not Applicable

2. REFERENCES:

2.1 Standard Items

3. REQUIREMENTS:

3.1 Upon removal of fuel from each bank of tanks listed in 1.2, fill each bank of tanks completely full of clean salt water ballast, and the following:

3.1.1 Only one bank of tanks shall be emptied at a time.

3.1.2 For bidding purposes 520,000 gallons of salt water ballast shall be put into the tanks.

3.2 Upon direction from the SUPERVISOR dewater or ballast the ship for final trim as required by the Tow Master.

3.2.1 For bidding purposes 100,000 gallons of salt water shall be removed, from designated tanks.

4. NOTES:

5. GOVERNMENT FURNISHED MATERIAL (GFM):

5.1 LLTM:

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1. None.

5.2 PUSH MATERIAL:

1. None.

5.3 KITTED MATERIAL:

1. None.

SHIP: USS VINCENNES (CG-49) ITEM NO: 162-01-001  
COAR: 26-597 PCN: SSSD-0002  
CSWT FILE NO: 162-01 CMP: NONE  
REVISED: 15 JAN 2004 PLANNER: HAAG

1. SCOPE:

1.1 Title: Stack Protective Cover; install

1.2 Location of Work:

- 1.2.1 Stack , Forward 1 (Frame 200, 99'-0 ABV BL)
- 1.2.2 Stack, Number 1, Forward (Frame 208, 99'- 0 ABV BL)
- 1.2.3 Stack, Number 2, Aft (Frame 310, 94'- 0 ABV BL )
- 1.2.4 Stack, Number 2, Aft (Frame 319, 94' - 0 ABV BL)
- 1.2.5 Stack, Number 1, SSGTG Forward (Frame 217, 99'-0 ABV BL)
- 1.2.6 Stack, Number 2, SSGTG Aft (Frame 302, 94' - 0 ABV BL)
- 1.2.7 Stack, Number 3, SSGTG Exhaust ( Frame 450, 46' - ABV BL)

1.3 Identification:

1.3.1 Not Applicable

2. REFERENCES:

- 2.1 Standard Items
- 2.2 S9086-BS-STM-010/CH-050, Readiness and Care of Inactive Ships

3. REQUIREMENTS:

3.1 Template from ship, fabricate and install protective covers for the stacks in the locations listed in 1.2, using 16 gauge galvanized sheet metal, in accordance with Paragraph 050-3.6.2.3 and 050-6.5.5 of 2.2.

3.2 Accomplish the requirements of 009-12 of 2.1, including Table 2, Column A, Lines One through 7.

3.3 Accomplish the requirements of 009-32 of 2.1 for the new and disturbed surfaces.

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4. NOTES:

4.1 None.

5. GOVERNMENT FURNISHED MATERIAL (GFM):

5.1 LLTM:

1. None.

5.2 PUSH MATERIAL:

1. None.

5.3 KITTED MATERIAL:

1. None.

SHIP: USS VINCENNES (CG-49) ITEM NO: 162-02-001  
COAR: 26-597 PCN: SSSD-0003  
CSWT FILE NO: 162-02 CMP: NONE  
REVISED: 15 JAN 2004 PLANNER: HAAG

1. SCOPE:

1.1 Title: Portlight and Window Protective Cover; install

1.2 Location of Work:

1.2.1 Pilot House(05-149-0-C)

1.2.1.1 Window (pn 36) 11 Each (35" x 25"0

1.2.1.2 Window (pn37) 2 Each (35" x 25")

1.2.1.3 Window (pn44) 2 Each (19" x 25")

1.2.1.4 Window (pn45) 2 Each (19" x 25")

1.2.1.5 Portlight (pn10) Door ( 05-136-1), 4" DIA

1.2.1.6 Portlight (pn10) Door (05-156-1 ), 4" DIA

1.2.2 Signal Shelter House (05-136-0-C )

1.2.2.1 Window (pn45) 8 Each ( 19" x 25" )

1.2.2.2 Portlight (pn7) Door ( 05-177-2 )

1.2.3 Passage (05-166-01-L), Portlight (pn20) Door ( 05-174-0 ), 4" DIA

1.2.4 Commanding Officer's Stateroom ( 04-140-2-L ), (pn38)Porthole 16" DIA

1.2.5 Helicopter Control Station ( 03-332-2-C)

1.2.5.1 Porthole (pn38), No. 03-343-4 , 16" DIA

1.2.5.2 Porthole (pn38), No. 03-343-2, 16" DIA

1.2.5.3 Window (pn39) , No. 03-346-2, ( 36" x 36")

1.2.6 Unit Commander Stateroom ( 01-220-1-L ), (pn38) Porthole 16" DIA

SHIP: USS VINCENNES (CG-49)

1.2.7 Wardroom Messroom and Lounge ( 01-272-0-L) (pn38) Porthole 2  
Each, 16" DIA

1.3 Identification:

1.3.1 Not Applicable

2. REFERENCES:

2.1 Standard Items

2.2 NAVSEA DRAWING NO.625-5386443, Details and List of Windows and  
Airports

3. REQUIREMENTS:

3.1 Template from ship, fabricate and install protective covers for the  
windows and portlights in the locations listed in 1.2, using 16 gauge galvanized  
sheet metal.

3.1.1 Protective covers shall be installed on the exterior side using  
RTV, in a manner as to seal the entire window or portlight.

3.2 Accomplish the requirements of 009-32 of 2.1 for the new and disturbed  
surfaces.

4. NOTES:

4.1 None.

5. GOVERNMENT FURNISHED MATERIAL (GFM):

5.1 LLTM:

1. None.

5.2 PUSH MATERIAL:

1. None.

5.3 KITTED MATERIAL:

1. None.

SHIP: USS VINCENNES (CG-49) ITEM NO: 243-02-001  
COAR: 26-597 PCN: SSSD-0005  
CSWT FILE NO: 243-02 CMP: NONE  
REVISED: 24 MAR 2004 PLANNER: HAAG

1. SCOPE:

1.1 Title: Main Propulsion Shaft Locking Device; install

1.2 Location of Work:

1.2.1 Main Engine Room Number 2 (5-300-0-E)

1.3 Identification:

1.3.1 Not Applicable

2. REFERENCES:

2.1 Standard Items

2.2 SL740-AA-MAN-010 Rev \_\_, U.S. Navy Towing Manual

3. REQUIREMENTS:

3.1 Install shaft locking devices on the main propulsion shafts in the location(s) listed in 1.2, using section 5-7.1.9 of 2.2 for guidance.

3.1.1 Template locking devices from existing shipboard conditions.

3.2 Accomplish the requirements of 009-12 of 2.1, including Table 2, Column A, Lines One through 7.

3.3 Accomplish the requirements of 009-32 of 2.1 for new and disturbed surfaces.

4. NOTES:

4.1 None.

5. GOVERNMENT FURNISHED MATERIAL (GFM):

5.1 LLTM:

1. None.

5.2 PUSH MATERIAL:



SHIP: USS VINCENNES (CG-49)

1. None.

5.3 KITTED MATERIAL:

1. None.

SHIP: USS VINCENNES (CG-49)

ITEM NO: 243-11-001

COAR: 26-597

PCN: SSSD-0006

CMP: NONE

PLANNER: HAAG

1. SCOPE:

1.1 Title: Stern Tube Flax Packing; install and test

1.2 Location of Work:

1.2.1 Shaft Alley & Sewage Plant No. 2 (6-346-0-Q)

1.3 Identification:

1.3.1 Quantity (two), Port and Starboard Main Propulsion Shaft Stern Tube Seal and Inflatable Seal Assembly, Mfr. John Crane Seal Inc., Model MX-9

2. REFERENCES:

2.1 Standard Items

2.2 S9243-AQ-MMA-010/71724, Rev \_\_, Technical Manual for Stern Tube Seal Type MX-9, US-70610 With Change B, Operation, Maintenance and Fitting Instructions

2.3 SL460-AA-HBK-010, Handbook for Inspection, Packaging, Handling, Storage and Transportation.

3. REQUIREMENTS:

3.1 Remove each bellows assembly and components in accordance with paragraph 2.3.3 of 2.2.

3.2 Assemble stern tube seal and install 3 new rings of 1 1/4" flax packing, using 2.2 for guidance.

3.2.1 Ensure shaft gland has at least 1 inch of travel remaining after adjustment. NOTE: NAVY TOW MANUAL requires 2 inches of travel, however this is not attainable with John Crane Mech Seals.

(V) (G) "LEAK TEST"

3.3 Test each shaft packing for leaks. Allowable leakage: None.

3.4 Place a metal tag on each bellows assembly and component removed in 1.3.

SHIP: USS VINCENNES (CG-49)

3.4.1 Crate for storage each removed bellows assembly and component in accordance with 2.3. Secure each crated part adjacent to where it was removed and secure with siezing wire.

3.4.2 Provide and secure adjacent to the installed packing 2 each extra rings of packing for the tow to Pearl Harbor, NISMO.

3.5 Accomplish the requirements of 009-32 of 2.1 for the normally painted new and disturbed surfaces of each stern tube seal housing.

4. NOTES:

4.1 None.

5. GOVERNMENT FURNISHED MATERIAL (GFM):

5.1 LLTM:

1. None.

5.2 PUSH MATERIAL:

1. None.

5.3 KITTED MATERIAL:

1. None.

SHIP: USS VINCENNES (CG-49)

ITEM NO: 313-11-001

COAR: 26-597

PCN: SSSD-0007

CMP: NONE

PLANNER: HAAG

1. SCOPE:

1.1 Title: UPS Battery; remove

1.2 Location of Work:

1.2.1 Ships Control UPS Battery Room (2-236-0-Q)

1.3 Identification:

1.3.1 Quantity (9), UPS Batteries, 12 volt, Sealed Lead Acid Storage,  
Mfr. Part No. 50A11.

2. REFERENCES:

2.1 Standard Items

2.2 301-5385536, General Arrangement Ship Control UPS Power Battery Room

2.3 320-5385613, Power Distribution Ship's Cont Mon and Cont Elem ISO Wrg

3. REQUIREMENTS:

3.1 Disconnect electrically and mechanically and remove the equipment listed in 1.3, using 2.2 and 2.3 for guidance.

3.1.1 Bag and label jumper cables.

3.1.2 Hang bagged cables of 3.1.1 adjacent to each battery rack.

3.1.3 Remove and dispose of 6 additional batteries in accordance with federal, state, and local laws, codes, ordinances, and regulations.

4. NOTES:

4.1 None.

5. GOVERNMENT FURNISHED MATERIAL (GFM):

5.1 LLTM:

1. None.

SHIP: USS VINCENNES (CG-49)

5.2 PUSH MATERIAL:

1. None.

5.3 KITTED MATERIAL:

1. None.

SHIP: USS VINCENNES (CG-49)

ITEM NO: 422-11-001

COAR: 26-597

PCN: SSSD-0009

CMP: NONE

PLANNER: HAAG

1. SCOPE:

1.1 Title: Temporary Navigation Light System for Towing; install

1.2 Location of Work:

1.2.1 Throughout the Ship

1.3 Identification:

1.3.1 Not Applicable

2. REFERENCES:

2.1 Standard Items

2.2 SL740-AA-MAN-010 Rev 3, U.S. Navy Towing Manual

2.3 Attachment A of Work Item 436-11-001

3. REQUIREMENTS:

3.1 Accomplish the installation of a temporary navigational lighting system including solar panels using Paragraph 5-7.7 of 2.2 and 2.3 for guidance.

3.2 Accomplish an operational test of the installed temporary navigational light system for proper orientation and operation.

3.2.1 Ensure each battery is fully charged two weeks prior to the ship being towed.

3.3 Accomplish the requirements of 009-12 of 2.1, including Table 2, Column(s) A, Lines One through 7.

3.4 Accomplish the requirements of 009-32 of 2.1 for the new and disturbed surfaces.

4. NOTES:

4.1 GFM and Attachment A are supplied under work Item 436-11-001.

5. GOVERNMENT FURNISHED MATERIAL (GFM):

SHIP: USS VINCENNES (CG-49)

5.1 LLTM:

1. None.

5.2 PUSH MATERIAL:

1. None.

5.3 KITTED MATERIAL:

1. None.

SHIP: USS VINCENNES (CG-49)

ITEM NO: 436-11-001

COAR: 26-597

PCN: SSSD-0010

CMP: NONE

PLANNER: HAAG

1. SCOPE:

1.1 Title: Temporary Flooding Alarm System for Towing; install

1.2 Location of Work:

1.2.1 Throughout the ship

1.3 Identification:

1.3.1 Not Applicable

2. REFERENCES:

2.1 Standard Items

2.2 SL740-AA-MAN-010, Rev 3, U.S. Navy Towing Manual

2.3 Alarm System and Lighting Sketch, Attachment A

3. REQUIREMENTS:

3.1 Accomplish the installation of the temporary flooding alarm system using paragraph 5-7.1, 5-7.1.1, 5-7.1.2, 5-7.1.3 and 5-7.1.5 of 2.2 and 2.3 for guidance.

3.2 Install solar panels on bateries.

3.3 Install foundation to hold bateries for the alarm system, at the mid ship quarter deck.

3.4 Accomplish an operational test of the installed temporary flooding alarm system by manually raising each liquid level float switch to simulate a flooding condition.

3.4.1 Submit one legible copy, in hard copy or electronic media, of a report listing results of the requirements of 3.2 to the SUPERVISOR.

3.4.2 Ensure each battery is fully charged two weeks prior to the ship being towed.

3.5 Accomplish the requirements of 009-32 of 2.1 for the new and disturbed



SHIP: USS VINCENNES (CG-49)

surfaces.

4. NOTES:

4.1 None.

5. GOVERNMENT FURNISHED MATERIAL (GFM):

5.1 LLTM:

	TOTAL QUANTITY PROVIDED		NAME OF PART	PIECE NO.	REF NO.	NATIONAL STOCK NO.	PARA NO.
1.	One	EA	Beacon SL-REV- 100R-P (12V) Red		2.3	N/A	3.1
2.	One	EA	Beacon SL-REV- 100A-P (12V) AMBER		2.3	N/A	3.1
3.	One	EA	Siren 12VDC, SMCD-AI-026	None	2.3	N/A	3.1
4.	One	EA	Metal Frame		2.3	N/A	3.1
5.	3	EA	Metal Frame		2.3	N/A	3.1
6.	One	EA	Flooding Box		2.3	N/A	3.1
7.	9	EA	Bar, Metal with Probes		2.3	N/A	3.1
8.	One	EA	Strap, Tie Down		2.3	5975000742072	3.1
9.	One	EA	Strap, Tie Down		2.3	5975001563253	3.1
10.	One	AY	Navigation Light, Red	N/A	2.3	None	3.1
11.	One	AY	Navagation Light, Green	N/A	2.3	None	3.1
12.	One	AY	Navagation Light, Clear	N/A	2.3	None	3.1
13.	30	EA	Split Lug Terminal	N/A	2.3	5940006365593	3.1
14.	One	EA	Terminal Board	N/A	2.3	None	3.1

5.2 PUSH MATERIAL:

1. None.

SHIP: USS VINCENNES (CG-49)

5.3 KITTED MATERIAL:

1. None.

SHIP: USS VINCENNES (CG-49)

ITEM NO: 520-11-001

COAR: 26-597

PCN: SSSD-0011

CMP: NONE

PLANNER: HAAG  
CHADWELL

1. SCOPE:

1.1 Title: Sea Valve Blanking; accomplish (OPTION ITEM THREE)

1.2 Location of Work:

1.2.1 Throughout the ship

1.3 Identification:

1.3.1 Not Applicable

2. REFERENCES:

2.1 Standard Items

2.2 801-5751591 Rev G, Docking Drawing

2.3 S9086-BS-STM-010/CH-050, NSTM, Care and Readiness of Inactive Ships

3. REQUIREMENTS:

3.1 Install 1/2" thick, round steel blanks on the inboard side of each sea valve using 2.2 and 2.3 for guidance and as listed on Attachment A.

3.1.1 Blanks shall be templated from existing shipboard conditions.

3.1.2 New gaskets shall be used in accordance with section 3.3.5 of 2.3

3.1.3 All sea valves shall be wired shut with multiple strands of seizing wire and crimp locked in accordance with section 3.3.5 of 2.3.

3.1.4 All blanks shall be painted with two coats of yellow paint conforming to MIL-DTL-24441.

3.2 All hull opening below the water line will require cofferdams.

(V) (G) "LEAK TEST"

3.3 Upon completion of each blank installed, check for seawater leakage. Allowable leakage: None.

SHIP: USS VINCENNES (CG-49)

3.4 Accomplish the requirements of 009-32 of 2.1 for the new and disturbed surfaces.

4. NOTES:

4.1 Item updated to FY-05, 009-77 is now a Cat I item.

5. GOVERNMENT FURNISHED MATERIAL (GFM):

5.1 LLTM:

1. None.

5.2 PUSH MATERIAL:

1. None.

5.3 KITTED MATERIAL:

1. None.

SHIP: USS VINCENNES (CG-49) ITEM NO: 526-11-001  
COAR: 26-597 PCN: SSSD-0012  
CSWT FILE NO: 562-01 CMP: NONE  
REVISED: 31 JAN 2004 PLANNER: HAAG

1. SCOPE:

1.1 Title: Rudder Locking Device; install

1.2 Location of Work:

1.2.1 Steering Gear Room (Specify Space Number)

1.2.2 null (NULL)

1.3 Identification:

1.3.1 Port Rudder

1.3.2 Starboard Rudder

1.3.3 null ,null, APL: NULL

2. REFERENCES:

2.1 Standard Items

2.2 SL740-AA-MAN-010 Rev REV 3, U.S. Navy Towing Manual

3. REQUIREMENTS:

3.1 Accomplish the requirements of section 5-7.6 of 2.2 for the installation of rudder locking devices on the port and starboard rudders in the location listed in 1.2.

3.2 Accomplish the requirements of 009-12 of 2.1, including Table 2, Column A, Lines One through 7.

3.3 Accomplish the requirements of 009-32 of 2.1 for the new and disturbed surfaces.

4. NOTES:

4.1 None.

5. GOVERNMENT FURNISHED MATERIAL (GFM):

SHIP: USS VINCENNES (CG-49)

5.1 LLTM:

1. None.

5.2 PUSH MATERIAL:

1. None.

5.3 KITTED MATERIAL:

1. None.

SHIP: USS VINCENNES (CG-49)

ITEM NO: 583-01-001

COAR: 26-597

PCN: SSSD-0014

CSWT FILE NO: 583-01

CMP: NONE

REVISED: 31 JAN 2004

PLANNER: HAAG  
CHADWELL

1. SCOPE:

1.1 Title: Davit; secure

1.2 Location of Work:

1.2.1 Weatherdeck

1.3 Identification:

1.3.1 Quantity (One EA) Port Davit

1.3.2 Quantity (One EA) Starboard Davit

2. REFERENCES:

2.1 PM 602-016, SPOR, Towing Information

3. REQUIREMENTS:

3.1 Install 2 each, 25 foot lengths of 3/4 inch wire rope with 8 wire rope clips to secure the davits listed in 1.3 using 2.1 for guidance and as designated by the SUPERVISOR.

(E1) 3.2 DELETED

(E1) 3.2.1 DELETED

4. NOTES:

4.1 None.

5. GOVERNMENT FURNISHED MATERIAL (GFM):

5.1 LLTM:

1. None.

5.2 PUSH MATERIAL:

SHIP: USS VINCENNES (CG-49)

1. None.

5.3 KITTED MATERIAL:

1. None.



SHIP: USS VINCENNES (CG-49)

ITEM NO: 631-01-001

COAR: 26-597

PCN: SSSD-0008

CSWT FILE NO: 631-01

CMP: NONE

REVISED: 31 JAN 2004

PLANNER: HAAG

1. SCOPE:

1.1 Title: Draft Markings; install

1.2 Location of Work:

1.2.1 Hull

1.3 Identification:

1.3.1 Not Applicable

2. REFERENCES:

2.1 SL740-AA-MAN-010, U.S. Navy Towing Manual

3. REQUIREMENTS:

3.1 Accomplish the installation of the special draft markings in accordance with Section 5-7.1.6 of 2.1. Using white high gloss paint.

3.1.1 Accomplish the installation of 4 additional draft markings port and starboard, forward (bow) aft (stern) One (1) foot above with deminsions of 12 inches by 36 inches, using white high gloss paint.

4. NOTES:

4.1 None.

5. GOVERNMENT FURNISHED MATERIAL (GFM):

5.1 LLTM:

1. None.

5.2 PUSH MATERIAL:

1. None.

5.3 KITTED MATERIAL:

SHIP: USS VINCENNES (CG-49)

1. None.

SHIP: USS VINCENNES (CG-49)

ITEM NO: 857-11-001

COAR: 26-597

PCN: SSSD-0015

CMP: NONE

PLANNER: HAAG  
CHADWELL

1. SCOPE:

1.1 Title: Personnel Berthing Craft Support; provide

1.2 Location of Work:

1.2.1 Pier 10, Naval Station, San Diego for the USS Vincennes (CG-49)

1.3 Identification:

1.3.1 YRB-35

2. REFERENCES:

2.1 Standard Items

3. REQUIREMENTS:

(E1) 3.1 Maintain the barge in a manner in which it is habitable for Ships Crew.

(E1) 3.1.1 Repairs shall be accomplished as directed by SWRMC.

(E1) 3.1.2 DELETED

4. NOTES:

4.1 None

5. GOVERNMENT FURNISHED MATERIAL (GFM):

5.1 LLTM:

1. None.

5.2 PUSH MATERIAL:

1. None.

5.3 KITTED MATERIAL:

SHIP: USS VINCENNES (CG-49)

1. None.

SHIP: USS VINCENNES (CG-49)

ITEM NO: 985-11-001

COAR: 26-597

PCN: SSSD-0016

CMP: NONE

PLANNER: HAAG

1. SCOPE:

1.1 Title: Security Services; provide

1.2 Location of Work:

1.2.1 Quarterdeck, USS Valley Forge

1.3 Identification:

1.3.1 Not Applicable

2. REFERENCES:

2.1 Standard Items

3. REQUIREMENTS:

3.1 Provide a security guard for the USS Vincennes, 24 hours a day upon the departure of the ship's force and prior to towing.

3.1.1 For bid purposes, the length of time for security guard services shall be 45 days. Starting 0700 hours, 30 June, 2005.

3.1.2 The security guard shall prevent unauthorized personnel from boarding the craft.

3.1.3 The security guard shall be thoroughly familiar with the flooding and fire alarm monitor on the quarterdeck and the proper procedures to take upon activation of an alarm.

3.1.3.1 Upon activation of an alarm, the security guard shall execute the instructions posted on or near the quarterdeck alarm monitoring system.

3.1.4 Ensure the security personnel have a two way radio with sufficient batteries to communicate with his office in case of emergency 24 hours a day for the entire time the security service is required.

4. NOTES:

SHIP: USS VINCENNES (CG-49)

4.1 None

5. GOVERNMENT FURNISHED MATERIAL (GFM):

5.1 LLTM:

1. None.

5.2 PUSH MATERIAL:

1. None.

5.3 KITTED MATERIAL:

1. None.

SHIP: USS VINCENNES (CG-49)

ITEM NO: 992-11-001

COAR: 26-597

PCN: SSSD-0020

CMP: NONE

PLANNER: HAAG  
CHADWELL

1. SCOPE:

1.1 Title: Towboat Services; provide (OPTION ITEM FIVE)

1.2 Location of Work:

1.2.1 Not Applicable

1.3 Identification:

1.3.1 Not Applicable

2. REFERENCES:

2.1 Standard Items

2.2 SL740-AA-MAN-010 R3, U.S. Navy Towing Manual (July 2002)

2.3 NAVIGATION RULES, International-Inland, COMDTINST N16672.2D

3. REQUIREMENTS:

3.1 Provide pilot, and towboat service and tow the ship from San Diego, California to Pearl Harbor, Hawaii using 2.2 for guidance.

3.1.1 Pickup and delivery of the ship shall be accomplished between the hours of 0800 and 1500 Monday through Friday.

3.2 Maintain the ship in a seaworthy condition during towing in accordance with 2.2 and 2.3.

3.3 Accomplish additional work to the ship prior to entering open water for ocean towing as follows:

3.3.1 Accomplish structural preparations to the ship suitable for ocean towing using 2.2 for guidance.

(I) (G) "PRE-TOW INSPECTION"

3.3.2 Accomplish a pre-tow inspection of the ship.

SHIP: USS VINCENNES (CG-49)

3.3.2.1 Submit one legible copy, in hard copy or electronic media, of completed "Checklist for Preparing and Rigging a Tow" Appendix (H) of 2.2 to the SUPERVISOR.

3.4 Upon completion of the tow, remove equipment installed in previous paragraphs and return ship to its original condition.

3.5 Accomplish the requirements of 009-12 of 2.1, including Table 2, Column A, Lines One through 7.

3.6 Accomplish the requirements of 009-32 of 2.1 for disturbed surfaces.

4. NOTES:

4.1 Open water is defined as any water beyond the "COLREGS" demarcation line shown on the respective navigational chart governing each port that the ship is to be towed from.

5. GOVERNMENT FURNISHED MATERIAL (GFM):

5.1 LLTM:

1. None.

5.2 PUSH MATERIAL:

1. None.

5.3 KITTED MATERIAL:

1. None.



SHIP: USS VINCENNES (CG-49)

ITEM NO: 992-11-002

COAR: 26-597

PCN: SSSD-0017

CMP: NONE

PLANNER: HAAG  
CHADWELL

1. SCOPE:

1.1 Title: Temporary Services; provide

1.2 Location of Work:

1.2.1 Various

1.3 Identification:

1.3.1 Not Applicable

2. REFERENCES:

2.1 Standard Items

2.2 MIL-HDBK-1025/1, Military Handbook Piers and Wharfs

2.3 MIL-STD-1399/106, Interface Standard for Shipboard Systems Section  
106 Compressed Air Service for Surface Ships

2.4 S9086-RS-STM-010/CH-512, Volume 1, Fans

2.5 S9086-CH-STM-030/CH-074, Volume 3, Gas Free Engineering

2.6 S9086-GX-STM-020/CH-220, Volume 2, Boiler Water/Feedwater Test and  
Treatment

3. REQUIREMENTS:

3.1 Install temporary fire stations (trees) aboard ship with hoses capable of withstanding 250 PSI, complete with fittings and nozzles compatible with and equal to existing ship's equipment. Locate each so that no more than 100 feet of hose is required to reach any location on ship, and so that every space aboard ship can be reached with a minimum of two hoses.

3.1.1 Inspect each fire station daily.

3.1.2 Install an independent control cutoff valve between the pier and each temporary fire station.

SHIP: USS VINCENNES (CG-49)

(V) (G) "PRESSURE VERIFICATION"

3.1.3 Maintain a pressure of 100 + 10 PSIG for fire fighting with the connection between pier side and the most remote temporary fire station. Install pressure gauges at each inlet connection.

3.1.4 Disconnect and relocate fire station (trees) 2 times during the availability, by direction of the SUPERVISOR.

3.2 Furnish and maintain 3 ea (2 male - 1 female) lavatory facilities for male and female "CONTRACTOR" personnel during the entire DECOM availability. The ship's facilities will be secured for the entire availability.

3.2.1 Furnish and maintain 1 ea fresh water wash station.

3.2.2 Lavatory and sanitary facilities shall be located adjacent to the ship.

3.2.3 Sanitary facilities shall be cleaned and sanitized daily.

3.3 Provide and maintain temporary lighting and power in areas of the ship where ship's lighting and power systems have been disrupted by the contractor.

3.3.1 Temporary lighting shall be equipped with industrial-type, shatterproof bulbs conforming to MIL-F-16377/23, Symbol 103.

3.4 Maintain 4 fire zone boundaries aboard the vessel. The fire zone boundaries will be the transverse bulkheads, including openings at frame 138, frame 260, frame 382 and frame 426.

3.5 Provide 3 covered containers for collection of debris and garbage generated by Ship's Force. Each container shall have a volume capacity of 200 cubic feet, with a minimum covered opening of 3 feet by 3 feet.

3.5.1 Containers shall be placed at suitable locations on the pier, adjacent to the ship.

3.5.2 Containers shall be emptied daily.

3.6 Unbolt and rig off "ALL" Compressed Gas, (N2, CO2, Freon, Acetylene, Halon) and any other compressed gas cylinders and turn into NPA.

3.6.1 Ship's Force will secure the system and disconnect the hoses and/or piping from each of the respective compressed gas cylinders and tag with Type, Size, System, Location and usage in preparation for removal.

3.7 Disconnect and remove temporary services when directed by the SUPERVISOR.

3.8 Provide and maintain one diesel powered air compressor, capable of

SHIP: USS VINCENNES (CG-49)

sustaining 125 PSI, 200 CFM for the duration of the availability.

3.8.1 The air compressor shall be tied into ship's LP air system.

3.8.2 The air compressor shall be fueled daily, seven days a week, throughout the availability.

3.8.3 The air compressor shall be tested daily to ensure proper operation and a log of the test date, time, and results of the test and name of the test conductor.

3.8.3.1 Submit one legible copy, in hard copy or electronic media weekly of the log listing the results of the test to the SUPERVISOR.

3.8.4 Remove the air compressor and return the ship to its original configuration when directed by the SUPERVISOR.

3.9 Provide and maintain one each fire pump capable of sustaining 1000 GPM at 150 PSI, for the duration of the availability.

3.9.1 The fire pump shall be connected to each of the ship's four fire stations (trees).

3.9.2 The fire pump shall be fueled daily, seven days a week, and tested weekly throughout the availability.

3.9.2.1 Submit one legible copy, weekly in hard copy or electronic media of test results to the SUPERVISOR.

3.9.3 Remove the fire pump and return the ship to its original configuration.

3.10 Provide and maintain 2 each portable air condition units capable of supplying 10,000 BTU's.

3.10.1 Ship will designate compartment location for A/C units.

3.11 Set condition Zebra throughout the ship upon completion of all work and final inspection by SUPERVISOR, Tow Master.

3.12 Provide a 12 man line handling detail, when ship is underway for tow. .

3.13 Maintain contractors portion of Appendix H, with supporting documentation.

3.14 Accomplish the requirements of 009-32 of 2.1 for new and disturbed surfaces.

4. NOTES:

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4.1 None.

5. GOVERNMENT FURNISHED MATERIAL (GFM):

5.1 LLTM:

1. None.

5.2 PUSH MATERIAL:

1. None.

5.3 KITTED MATERIAL:

1. None.

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COAR: 26-597 PCN: SSSD-0018  
CMP: NONE  
PLANNER: HAAG  
CHADWELL

1. SCOPE:

1.1 Title: Cleaning and Pumping; accomplish

1.2 Location of Work:

- 1.2.1 Main Engine Room Number One (5-174-0-E)
- 1.2.2 Main Engine Room Number Two (5-300-0-E)
- 1.2.3 Auxiliary Machinery Room Number One (5-220-0-E)
- 1.2.4 Auxiliary Machinery Room Number Two (5-260-0-E)
- 1.2.5 Pump Room Number One/Sewage Plant Number One (5-138-0-Q)
- 1.2.6 Pump Room Number Two and Air Conditioning and Chilled Water Machinery Room (3-398-0-Q)
- 1.2.7 Shaft Alley and Sewage Plant Number Two (6-346-0-Q)
- 1.2.8 Ships Service/Emergency Generator Nos Three Room (3-426-1-E )
- 1.2.9 JP-5 Drain Tank (6-418-2-J)
- 1.2.10 Dome Eductor Room (5-34-0-Q)
- 1.2.11 High Pressure Air Compressor Room (6-464-3-Q)
- 1.2.12 Steering Gear Room (6-506-0-E)
- 1.2.13 Oily Waste Holding Tank Number One (6-212-1-F)
- 1.2.14 Waste Oil Tank (6-229-1-F)
- 1.2.15 Oily Waste Holding Tank Number 2 (6-340-2-F)
- 1.2.16 GTRB Drain Tank Number One (6-217-1-F)
- 1.2.17 GTRB Drain Tank Number 2 (6-338-2-F)
- 1.2.18 CRP Oil Tank (5.5-300-1-F)

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- 1.2.19 CRP Oil Tank (5.5-216-2-F)
- 1.2.20 Number 3 GTG Drain Tank (in compartment 6-426-1-E)
- 1.2.21 Waste Oil Drain Tank (6-220-1-F)
- 1.2.22 Waste Oil Drain Tank (6-292-2-F)
- 1.2.23 null (NULL)

1.3 Identification:

- 1.3.1 Not Applicable
- 1.3.2 null ,null, APL: NULL

2. REFERENCES:

- 2.1 Standard Items
- 2.2 29 CFR Part 1915, OSHA
- 2.3 National Fire Protection Association Standard 312
- 2.4 (CNV d/004), National Fire Protection Association Standard 306
- 2.5 MIL-STD-777, Schedule of Piping, Valves, Fittings, and Associated Piping Components for Naval Surface Ships
- 2.6 802-5959353 Rev AU, MIL-STD-777 Modified for DDG-51 Class, Schedule o Piping, Valves, Fittings, and Associated Piping Components
- 2.7 S9086-T8-STM-010/CH-593, Pollution Control
- 2.8 S9542-AA-MMO-010, Shipboard Aviation JP-5 Fuel Systems
- 2.9 S9086-SP-STM-010/CH-542, Gasoline and JP-5 Fuel Systems
- 2.10 MIL-HDBK-291, Military Handbook Cargo Tank Cleaning

3. REQUIREMENTS:

3.1 Open, ventilate, empty, clean, render dry, and maintain "Safe for Workers" and/or "Safe for Hot Work", in accordance with 2.2 through 2.4, any tank or space including adjacent tanks, spaces, or piping systems where the scope of repairs will result in a need for certification during the performance of this Job Order.

3.1.1 Ensure that harmful vapors, fumes, or mists are ventilated to the exterior of the vessel.

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3.1.2 Submit four legible copies of a report listing the location, origin, and quantity of each manhole cover removed in 3.1 in respect to its tank, ship's frame and distance off centerline to the SUPERVISOR.

3.1.3 Install expandable plugs or blanks, painted blaze orange, in associated tank piping at the first valve or flange. Associated piping is defined as "an assembly of pipe, tubing, valves, fittings and related components forming a whole or a part of a system which starts or terminates in subject area, thus being common to and associated with same".

3.1.3.1 Submit four legible copies of a report listing the location of each expandable plug and blank to the SUPERVISOR.

3.1.3.2 Remove each expandable plug or blank upon completion of repairs and testing, and install new gaskets and fasteners in accordance with applicable Categories and Group of 2.5 or 2.6.

3.1.4 Clean each tank and any associated piping in accordance with 2.8 through 2.10.

3.2 Clean each bilge of spaces listed in 1.2, free of trash, debris, grease, oily liquids, and other liquid contaminants prior to the initial certification.

3.2.1 Maintain each bilge to a clean, dry condition for the duration of the availability on a 7-day-a-week, 24-hour-a-day basis.

(E1) 3.2.2 Remove and dispose of non-hazardous liquids from bilges listed in 1.2 after initial cleaning and certification is obtained. Removals shall be measured.

(V) (G) "CLEAN AND DRY BILGES"

3.2.3 Prior to space turnover, when directed by the SUPERVISOR, remove all trash, debris, grease, oily liquids, and other liquid contaminants from the bilges listed in 1.2.

3.2.3.1 Remove and re-install pumping equipment 3 times after space turnover and prior to actual decommissioning date to remove any residual liquids which may have been left behind.

3.3 Dispose of liquids in accordance with federal, state and local laws, codes, ordinances or regulations.

3.4 Tank Closure Repairs:

3.4.1 Clean, chase, or tap threaded areas prior to installing covers.

3.4.2 Weld up, drill, and tap a total of 12 stripped manhole cover bolting ring holes for tanks opened in 3.1.

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3.4.3 Remove existing and install new a total of 12 missing or broken manhole cover studs for tanks opened in 3.1 conforming to MIL-S-1222, Type IV, Grade 304.

3.4.4 Accomplish the requirements of 009-12 of 2.1, including Table 2, Column A and C, Lines One through 7.

3.4.5 Accomplish the requirements of 009-32 of 2.1 for disturbed surfaces.

(V) (G) "INSPECT TANK CLEANLINESS"

3.5 Inspect each tank for cleanliness prior to final closing.

3.5.1 Install manhole cover for each tank, using new gaskets conforming to SAE-AMS-C-6183, Class One, new CRES washers conforming to FF-W-9 2, Type A, Grade One, Class B, and brass nuts conforming to MIL-S-1222, Type One, Grade 464.

3.5.1.1 Install gaskets conforming to ASTM D2000-75E, hex nuts conforming to ASTM A307, and hex head cap screws conforming to ASTM A307 for DDG-51 Class ships' sewage tanks.

3.5.1.2 Install new gaskets conforming to ZZ-R-765, Class 3A, Grade 30, and new hex head brass nuts conforming to MIL-S-1222, Type I, for DDG-51 Class ship's high temperature compartments.

3.5.1.3 Install hex head, self-locking nuts (nickel-copper) conforming to NASM-25027 for LSD-41 Class ships.

3.5.1.4 Install cotton wax wicking to studs prior to installing washers and nuts for DDG-51 Class ships.

3.5.1.5 Install new bolts conforming to MIL-S-1222, Grade 5, for flush deck bolted manhole covers.

3.5.2 Install access cover for each potable water, feedwater, and sewage tank, using new gaskets conforming to MIL-PRF-1149, new nuts conforming to MIL-S-1222, Type I, Grade 5, zinc coated, and new CRES washers conforming to FF-W-92, Type A, Grade One, Class B.

3.6 Accomplish the requirements of 009-32 of 2.1 for new and disturbed surfaces.

#### 4. NOTES:

4.1 For the purpose of this Work Item, the term "tank or space" includes voids, cofferdams, and inaccessible or confined areas.

4.2 Consider each bilge to contain contaminated oily salt water.



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5. GOVERNMENT FURNISHED MATERIAL (GFM):

5.1 LLTM:

1. None.

5.2 PUSH MATERIAL:

1. None.

5.3 KITTED MATERIAL:

1. None.